

## INTERNATIONAL SEARCH REPORT

Int. Patent Application No.  
PCT/IB2004/052352

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G10L15/18 G06F17/27

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G10L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WANG Y-Y ET AL: "Combination of CFG and N-gram Modeling in Semantic Grammar Learning"</p> <p>EUROPEAN CONFERENCE ON SPEECH COMMUNICATION AND TECHNOLOGY (EUROSPEECH), XX, XX, September 2003 (2003-09), pages 2809-2812, XP007007121</p> <p>page 2809, right-hand column - page 2810, left-hand column, paragraph 1</p> <p>page 2810, right-hand column, last paragraph</p> <p style="text-align: center;">----- -/--</p>	1-15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

25 January 2005

Date of mailing of the international search report

02/02/2005

Name and mailing address of the ISA

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 onal Application No  
PCT, IB2004/052352

## C.(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/191625 A1 (GORIN ALLEN LOUIS ET AL) 9 October 2003 (2003-10-09) figure 3 page 1, paragraph 5 page 3, paragraph 36 - paragraph 37 page 3, paragraph 51 - page 4, paragraph 56 page 12, paragraph 177 -----	1-15
P,X	EP 1 465 155 A2 (MICROSOFT CORPORATION) 6 October 2004 (2004-10-06) page 2, line 12 - line 21 page 5, line 45 - line 49 page 6, line 11 - line 14 page 7, line 5 - line 15 page 8, line 47 - line 50 -----	1-15

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003191625 A1	09-10-2003	US 6681206 B1 CA 2481080 A1 EP 1497751 A1 WO 03088080 A1	20-01-2004 23-10-2003 19-01-2005 23-10-2003
EP 1465155 A2	06-10-2004	US 2004199374 A1 JP 2004326750 A	07-10-2004 18-11-2004